

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| S1    | 1    | ((JENS) near2 (GLUFKE)).<br>INV.  | US-PGPUB;<br>USPAT                                       | AND              | ON      | 2007/08/10<br>14:21 |
| S2    | 6    | ((GUNTER) near2<br>(HERMANN)).INV.  | US-PGPUB;<br>USPAT                                       | AND              | ON      | 2007/08/10<br>14:21 |
| S3    | 1    | ((CLAUDIA) near2 (POHLE)).<br>INV.  | US-PGPUB;<br>USPAT                                       | AND              | ON      | 2007/08/10<br>14:21 |
| S4    | 1    | ((THOMAS) near2 (RAVE)).<br>INV.  | US-PGPUB;<br>USPAT                                       | AND              | ON      | 2007/08/10<br>14:21 |
| S5    | 2    | ("5651066"   "6263366").<br>PN.   | US-PGPUB;<br>USPAT                                       | AND              | ON      | 2007/08/13<br>08:42 |
| S6    | 6    | S1 S2 S3 S4   | US-PGPUB;<br>USPAT                                       | OR               | ON      | 2007/08/10<br>14:21 |
| S8    | 2050 | (TMN or<br>(telecommunication<br>management network))                                 | US-PGPUB;<br>USPAT                                       | ADJ              | ON      | 2007/08/15<br>16:02 |
| S9    | 1703 | TL1 or (transaction<br>language)  | US-PGPUB;<br>USPAT                                       | ADJ              | ON      | 2007/08/13<br>08:44 |
| S10   | 8690 | agent manager   | US-PGPUB;<br>USPAT                                       | SAME             | ON      | 2007/08/13<br>08:45 |
| S11   | 74   | S8 S10  | US-PGPUB;<br>USPAT                                       | SAME             | ON      | 2007/08/13<br>08:49 |
| S12   | 15   | S9 S8   | US-PGPUB;<br>USPAT                                       | SAME             | ON      | 2007/08/13<br>08:46 |
| S13   | 14   | S9 S10  | US-PGPUB;<br>USPAT                                       | SAME             | ON      | 2007/08/13<br>08:46 |
| S14   | 7    | S12 and @ad< "20020930"   | US-PGPUB;<br>USPAT                                       | SAME             | ON      | 2007/08/15<br>15:28 |
| S15   | 95   | S11 S12 S13   | US-PGPUB;<br>USPAT                                       | OR               | ON      | 2007/08/13<br>08:50 |
| S16   | 70   | S15 and @ad< "20020930"   | US-PGPUB;<br>USPAT                                       | SAME             | ON      | 2007/08/13<br>11:55 |
| S17   | 6    | (management adj system)<br>(update or updating)<br>(network element) manager<br>agent | US-PGPUB;<br>USPAT                                       | SAME             | ON      | 2007/08/13<br>11:54 |
| S18   | 2    | S17 and @ad< "20020930"   | US-PGPUB;<br>USPAT                                       | SAME             | ON      | 2007/08/13<br>12:09 |
| S19   | 6265 | (709/223).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR               | OFF     | 2007/08/14<br>08:50 |

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|-----|-------|---|--|------|-----|---------------------|
| S20 | 6486  | (709/224).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | OFF | 2007/08/13<br>12:08 |
| S21 | 11401 | S19 or S20  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND  | ON  | 2007/08/13<br>12:08 |
| S22 | 7151  | S21 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2007/08/13<br>12:09 |
| S23 | 100   | ("4782506"   "5257369"  <br>"5406557"   "5440633"  <br>"5497319"   "5524052"  <br>"5533116"   "5535120"  <br>"5557798"   "5629978").PN.<br>OR ("5764955").URPN. | US-PGPUB;<br>USPAT; USOCR                                | AND  | ON  | 2007/08/14<br>08:21 |
| S24 | 3     | "2000049782"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND  | ON  | 2007/08/14<br>08:51 |
| S25 | 2     | "7226777"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND  | ON  | 2007/08/14<br>08:51 |
| S26 | 27    | snmp near html  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND  | ON  | 2007/08/15<br>15:28 |
| S27 | 17    | S26 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2007/08/15<br>15:28 |
| S28 | 2051  | (TMN or<br>(telecommunication<br>management network))   | US-PGPUB;<br>USPAT                                       | ADJ  | ON  | 2007/08/15<br>16:03 |
| S29 | 6274  | (709/223).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | OFF | 2007/08/15<br>16:03 |
| S30 | 6496  | (709/224).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | OFF | 2007/08/15<br>16:03 |
| S31 | 11418 | S29 or S30  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND  | ON  | 2007/08/15<br>16:03 |
| S32 | 7161  | S31 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2007/08/15<br>16:03 |
| S33 | 115   | S28 and S32   | US-PGPUB;<br>USPAT                                       | ADJ  | ON  | 2007/08/15<br>16:04 |
| S34 | 416   | snmp same html  | US-PGPUB;<br>USPAT                                       | ADJ  | ON  | 2007/08/15<br>16:05 |

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|-----|------|---|--|------|----|---------------------|
| S35 | 63   | S34 and S32   | US-PGPUB;<br>USPAT                                       | ADJ  | ON | 2007/08/15<br>16:05 |
| S36 | 6598 | creat\$3 network<br>(management or manag\$3)<br>interface   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/01/31<br>09:32 |
| S37 | 63   | creat\$3 network<br>(management or manag\$3)<br>interface shar\$3 mechanism                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/01/31<br>09:33 |
| S38 | 28   | S37 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON | 2008/01/31<br>09:33 |
| S39 | 2126 | (TMN or<br>(telecommunication<br>management network))   | US-PGPUB;<br>USPAT                                       | ADJ  | ON | 2008/01/31<br>09:37 |
| S40 | 13   | S39 same S36  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/01/31<br>09:37 |
| S41 | 12   | S40 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON | 2008/01/31<br>09:37 |
| S42 | 1021 | (creat\$3 or produc\$3)<br>network element manager  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/01/31<br>10:07 |
| S43 | 34   | (creat\$3 or produc\$3)<br>network element manager<br>interface specification                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/01/31<br>10:08 |
| S44 | 25   | S43 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON | 2008/01/31<br>10:08 |
| S45 | 104  | ("5732218"   "5742762"  <br>"5812529"   "5887139"  <br>"6018625"   "6182157").PN.<br>OR ("6363421").URPN. | US-PGPUB;<br>USPAT; USOCR                                | AND  | ON | 2008/01/31<br>10:13 |
| S46 | 5    | install near network near<br>agent  | US-PGPUB;<br>USPAT; USOCR                                | AND  | ON | 2008/01/31<br>13:20 |
| S47 | 2    | S46 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON | 2008/01/31<br>13:21 |
| S48 | 70   | install near5 network near5<br>agent  | US-PGPUB;<br>USPAT; USOCR                                | AND  | ON | 2008/01/31<br>13:23 |
| S49 | 35   | S48 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON | 2008/01/31<br>13:23 |
| S50 | 0    | "10884485"  | US-PGPUB;<br>USPAT                                       | AND  | ON | 2008/03/11<br>16:02 |
| S51 | 2    | 2002/0002342  | US-PGPUB;<br>USPAT                                       | AND  | ON | 2008/03/11<br>16:02 |
| S52 | 1    | 10/884485   | US-PGPUB;<br>USPAT                                       | AND  | ON | 2008/03/11<br>16:09 |

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|-----|-------|---|--|------|-----|---------------------|
| S53 | 1     | ((JENS) near2 (GLUFKE)).<br>INV.  | US-PGPUB;<br>USPAT                                       | AND  | ON  | 2008/08/19<br>17:43 |
| S54 | 6     | ((GUNTER) near2<br>(HERMANN)).INV.  | US-PGPUB;<br>USPAT                                       | AND  | ON  | 2008/08/19<br>17:43 |
| S55 | 1     | ((CLAUDIA) near2 (POHLE)).<br>INV.  | US-PGPUB;<br>USPAT                                       | AND  | ON  | 2008/08/19<br>17:43 |
| S56 | 1     | ((THOMAS) near2 (RAVE)).<br>INV.  | US-PGPUB;<br>USPAT                                       | AND  | ON  | 2008/08/19<br>17:43 |
| S57 | 2     | ("5651066"   "6263366").<br>PN.   | US-PGPUB;<br>USPAT                                       | AND  | ON  | 2008/08/19<br>17:43 |
| S58 | 6     | S53 S54 S55 S56   | US-PGPUB;<br>USPAT                                       | OR   | ON  | 2008/08/19<br>17:43 |
| S59 | 2233  | (TMN or<br>(telecommunication<br>management network))                                 | US-PGPUB;<br>USPAT                                       | ADJ  | ON  | 2008/08/19<br>17:43 |
| S60 | 1934  | TL1 or (transaction<br>language)  | US-PGPUB;<br>USPAT                                       | ADJ  | ON  | 2008/08/19<br>17:43 |
| S61 | 10653 | agent manager   | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2008/08/19<br>17:43 |
| S62 | 80    | S59 S61   | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2008/08/19<br>17:43 |
| S63 | 19    | S60 S59   | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2008/08/19<br>17:43 |
| S64 | 16    | S60 S61   | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2008/08/19<br>17:43 |
| S65 | 8     | S63 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2008/08/19<br>17:43 |
| S66 | 105   | S62 S63 S64   | US-PGPUB;<br>USPAT                                       | OR   | ON  | 2008/08/19<br>17:43 |
| S67 | 71    | S66 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2008/08/19<br>17:43 |
| S68 | 9     | (management adj system)<br>(update or updating)<br>(network element) manager<br>agent | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2008/08/19<br>17:43 |
| S69 | 2     | S68 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2008/08/19<br>17:43 |
| S70 | 7682  | (709/223).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | OFF | 2008/08/19<br>17:43 |
| S71 | 7824  | (709/224).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | OFF | 2008/08/19<br>17:43 |
| S72 | 13819 | S70 or S71  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND  | ON  | 2008/08/19<br>17:43 |

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|-----|-------|---|--|------|-----|---------------------|
| S73 | 7651  | S72 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2008/08/19<br>17:43 |
| S74 | 112   | ("4782506"   "5257369"  <br>"5406557"   "5440633"  <br>"5497319"   "5524052"  <br>"5533116"   "5535120"  <br>"5557798"   "5629978").PN.<br>OR ("5764955").URPN. | US-PGPUB;<br>USPAT; USOCR                                | AND  | ON  | 2008/08/19<br>17:43 |
| S75 | 4     | "2000049782"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND  | ON  | 2008/08/19<br>17:43 |
| S76 | 2     | "7226777"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND  | ON  | 2008/08/19<br>17:43 |
| S77 | 29    | snmp near html  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND  | ON  | 2008/08/19<br>17:43 |
| S78 | 17    | S77 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2008/08/19<br>17:43 |
| S79 | 2233  | (TMN or<br>(telecommunication<br>management network))   | US-PGPUB;<br>USPAT                                       | ADJ  | ON  | 2008/08/19<br>17:43 |
| S80 | 7682  | (709/223).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | OFF | 2008/08/19<br>17:43 |
| S81 | 7824  | (709/224).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR   | OFF | 2008/08/19<br>17:43 |
| S82 | 13819 | S80 or S81  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | AND  | ON  | 2008/08/19<br>17:43 |
| S83 | 7651  | S82 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON  | 2008/08/19<br>17:43 |
| S84 | 120   | S79 and S83   | US-PGPUB;<br>USPAT                                       | ADJ  | ON  | 2008/08/19<br>17:43 |
| S85 | 508   | snmp same html  | US-PGPUB;<br>USPAT                                       | ADJ  | ON  | 2008/08/19<br>17:43 |
| S86 | 66    | S85 and S83   | US-PGPUB;<br>USPAT                                       | ADJ  | ON  | 2008/08/19<br>17:43 |
| S87 | 7425  | creat\$3 network<br>(management or manag\$3)<br>interface   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON  | 2008/08/19<br>17:43 |

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|------|------|---|--|------|----|---------------------|
| S88  | 77   | creat\$3 network<br>(management or manag\$3)<br>interface shar\$3 mechanism                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/08/19<br>17:43 |
| S89  | 28   | S88 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON | 2008/08/19<br>17:43 |
| S90  | 2233 | (TMN or<br>(telecommunication<br>management network))   | US-PGPUB;<br>USPAT                                       | ADJ  | ON | 2008/08/19<br>17:43 |
| S91  | 13   | S90 same S87  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/08/19<br>17:43 |
| S92  | 12   | S91 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON | 2008/08/19<br>17:43 |
| S93  | 1160 | (creat\$3 or produc\$3)<br>network element manager  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/08/19<br>17:43 |
| S94  | 54   | (creat\$3 or produc\$3)<br>network element manager<br>interface specification                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | SAME | ON | 2008/08/19<br>17:43 |
| S95  | 25   | S94 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON | 2008/08/19<br>17:43 |
| S96  | 121  | ("5732218"   "5742762"  <br>"5812529"   "5887139"  <br>"6018625"   "6182157").PN.<br>OR ("6363421").URPN. | US-PGPUB;<br>USPAT; USOCR                                | AND  | ON | 2008/08/19<br>17:43 |
| S97  | 5    | install near network near<br>agent  | US-PGPUB;<br>USPAT; USOCR                                | AND  | ON | 2008/08/19<br>17:43 |
| S98  | 2    | S97 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON | 2008/08/19<br>17:43 |
| S99  | 85   | install near5 network near5<br>agent  | US-PGPUB;<br>USPAT; USOCR                                | AND  | ON | 2008/08/19<br>17:43 |
| S100 | 39   | S99 and @ad<"20020930"  | US-PGPUB;<br>USPAT                                       | SAME | ON | 2008/08/19<br>17:43 |
| S101 | 0    | "10884485"  | US-PGPUB;<br>USPAT                                       | AND  | ON | 2008/08/19<br>17:43 |
| S102 | 2    | 2002/0002342  | US-PGPUB;<br>USPAT                                       | AND  | ON | 2008/08/19<br>17:43 |
| S103 | 1    | 10/884485   | US-PGPUB;<br>USPAT                                       | AND  | ON | 2008/08/19<br>17:43 |

8/20/2008 11:56:46 AM

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